

*Martel presents the
world's most versatile
Tape Recorder...*



UHER®
UNIVERSAL
5000

- **Dictating**
- **Transcribing**
- **Conference Recorder**
- **Advertising — Audio-Visual Aid**
- **Automatic Background Music System**
- **Automatic Slide Projector Synchronizer**

New design features fully transistorized "solid state" components. NO heat—NO warm-up required. Switch on and start immediately to record or play.

As a fully automatic dictating-transcribing unit, the 5000 will out-perform any other recorder in its class. The 5000 provides a NEW and FULLER degree of efficiency fidelity and ease of operation. A single button on the microphone will allow you to dictate; stop; listen and re-record to correct any errors; and rewind. Transcribing is simple with the foot or typewriter remote control that features stop, start, and rewind, no tape breakage.

At home record your favorite programs, high fidelity music, eventful newscasts. Synchronize your slides with any automatic slide projector.

Commercial, Industrial applications are unlimited. Can be used for training, advertising sales aids, message repeater, will run the equivalent of a 10-hour working day without having to change the reel.

Some of the Universal 5000 features:

Separate Record and Playback Volume controls . . . Tone control . . . 3 digit resetable index counter . . . Automatic stop with metalized leaders . . . Automatic volume control . . . Jam-proof piano type key board . . . Automatic rewind . . . Full remote control of tape motion . . . Low impedance input permits long microphone extension cable . . . High impedance inputs for microphone, telephone pick-up, and radio/phono . . . Plays back through microphone or internal speaker . . . Built-in transmitter to operate automatic slide projectors (Accessory 422 required) . . . Connections for sound operated control (Akustomat) . . . all bearings oil-sealed and fitted with sintered metal sleeves for trouble-free life.

Sound Begins & Ends with a Uher Tape Recorder

Specifications:

Track	Monophonic, Half track
Frequency Resp.	40-4000 @ 15/16 40-8000 @ 1 7/8 40-16,000 3 3/4
Signal to Noise	50 db plus $\pm$ 0.2%
Output	2 Watts
Weight	Approx. 16 pounds
Dimensions	Approx. 6"x10"x13"
Reel Size	Up to 6"
Operation	Full relay solenoid to permit remote control of record, play and tape motion, assuring gentle handling of thinnest tapes.
Consumption	Approx. 30 watts

UHER UNIVERSAL 5000

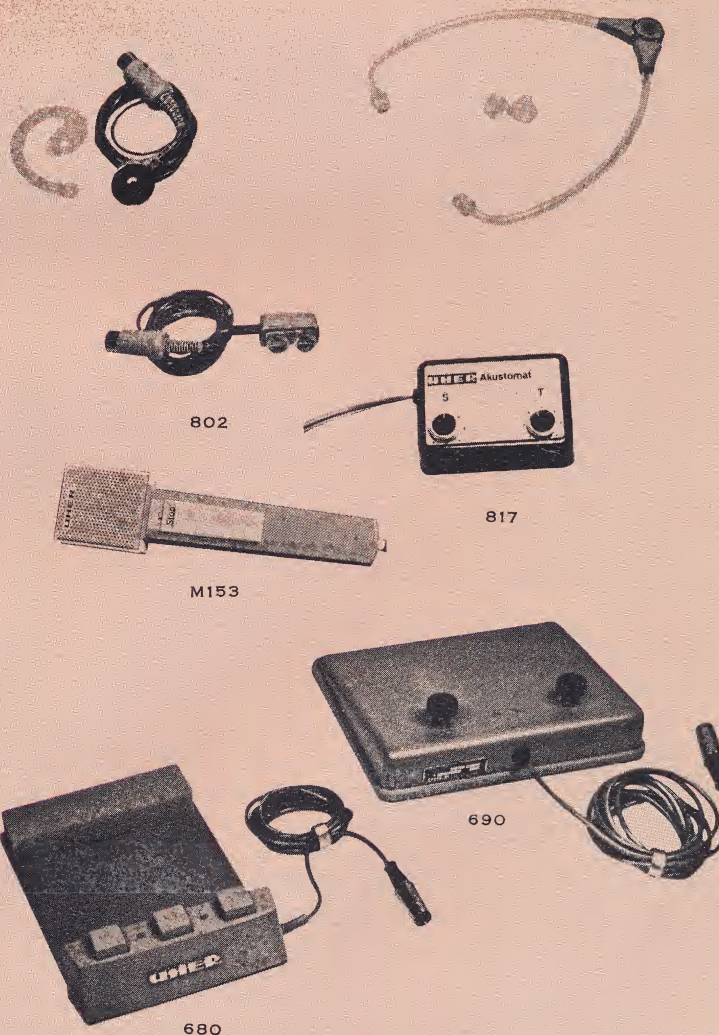
Multi-purpose tape machine for Conference recording, Business (dictating-transcribing), Home, School and Industry. Less Microphone. Suggested \$300.00

Standard Accessories

M153	Remote control dynamic microphone. Stop, start, rewind private playback	\$ 30.00
680	Steno's typewriter control. Stop, start, backspace/rewind	17.00
690	Remote foot control. Stop, start, backspace/rewind	17.00
802	Telephone microphone	9.00
817	Sound (voice) operated relay	45.00
6501S	Crystal head-phone, single/stetho	15.00
6561S	Dynamic head-phone, single/stetho may be used as a microphone	17.00
121	Transistor mixer. Mixes one low-impedance mike, one high impedance mike, one high impedance medium level input and one high impedance high level input. Includes cable.(not shown)	140.00
422	DIA-Pilot (not shown)	70.00

Audio Cables

USA- 3	Shielded to connect any mono amplifier with RCA type receptacles	\$4.00
USA- 5	Unshielded for external mono speaker connection with alligator clips	3.50
USA-12	Unshielded for external mono speaker connection with RCA type receptacles	3.50
USA-40S	Extension cables for 650 microphone 16 ft. \$12.00	

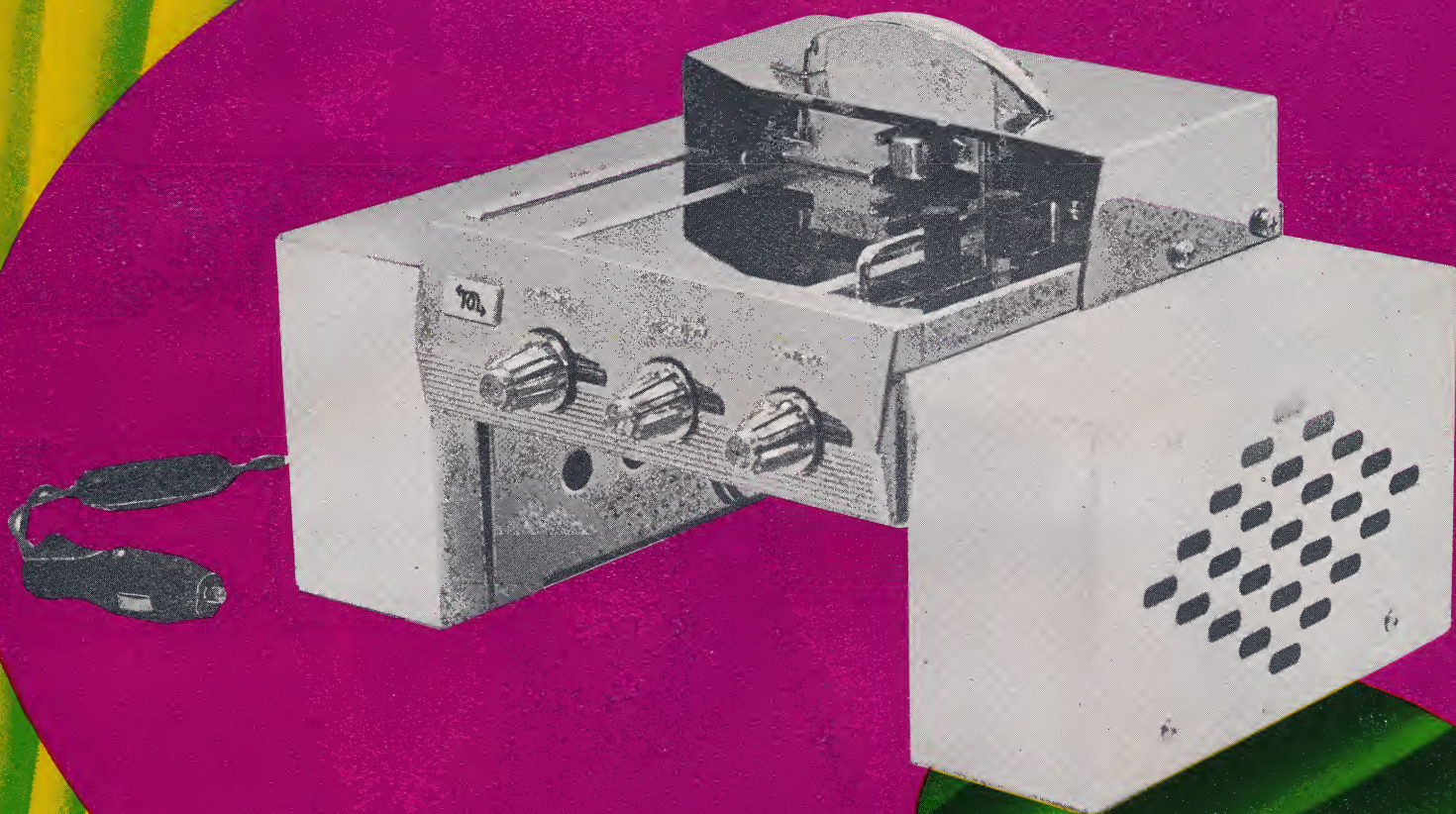


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INSTAMOUNT 603M

PAT. APPLIED FOR

.... as Modern as Tomorrow!

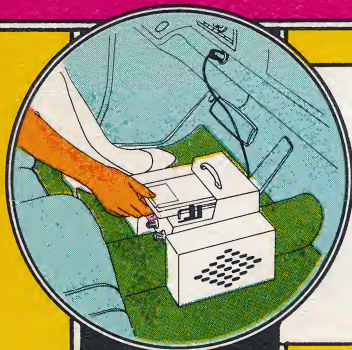
STEREO MUSIC IN YOUR CAR with no installation — STEREO MUSIC IN YOUR HOME at no extra cost.

The New

INSTAMOUNT 603M

STEREO CARTRIDGE
TAPE PLAYER

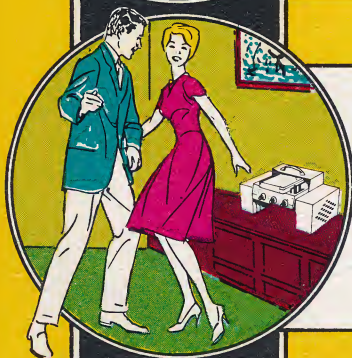
"JUST PLUG IN AND PLAY"



INSTANTLY —

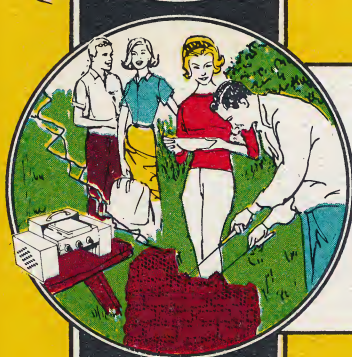
The Music of your choice in your car, boat, or plane, to suit your mood and the occasion.

The versatility of the INSTAMOUNT is limited only by your desire and imagination. Perfect while driving — INSTANTLY convertible for any occasion with no fuss, muss, or bother. Magnificent Sound is at your finger tips.



INSTANTLY —

Concert Hall Sound in your home by using the INSTAMOUNT Power Adaptor. No installation — no fuss. Move it around to suit your convenience. External speaker jacks permit connection to your home hi-fi speakers for the fullest amplification.



INSTANTLY —

Picnics, beach parties, patio or poolside gatherings become more enjoyable because the music is convenient and continuous. Background music for your office or place of business — uninterrupted and static free. Choose the best location, plug in and play, through its own speakers or yours.

SPECIFICATIONS:

Frequency Response	100-6000 cps $\pm$ 3 db
Wow and Flutter	Less than .03% wrms
Harmonic Distortion	Less than 3% @ 1000 cps
Signal to Noise Ratio	Greater than 35 db
Channel Separation	Greater than 20 db
Output Power	6 watts, (3 watts per channel) at 4 ohms
Speaker Impedance	4-8 ohms
Power Requirement	12v DC (10.7-14.5v) 1 amp at maximum negative ground
Controls	Volume, Balance, Tone, Play/Reset, Channel Selection.



COMPLETE PACKAGE
INSTAMATIC 603M
202 POWER SUPPLY
25' EXTENSION CORD
(Additional Extension
Cords available)



martel
ELECTRONICS

2356 SOUTH COTNER AVENUE, LOS ANGELES, CALIF. 90064
TELEPHONE: (213) 479-4491

— BRANCH OFFICES —

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5445 Lincoln — Chicago, Illinois

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**a professional
portable
tape recorder
as fine as this
couldn't be
built !**

**management
knew it !**

**sales
knew it !**

**service
knew it !**

**advertising
knew it !**

**but no one
thought to
tell
engineering !**

**so here it is -
the incomparable new**



a **martel**
presentation

SOLE AUTHORIZED U.S. IMPORTER

UHER 4000-L

Combines Old World Craftsmanship with Space Age Technology and Design

Retaining all the outstanding features that made the famous UHER 4000 Report and the UHER 4000 Report-S the first choice of radio & TV correspondents and reporters throughout the world, and took the UHER 4000 series from the heights of Mt. Everest to the depths of the ocean as the official sound recording instruments. The UHER 4000 Report-L has added a number of refinements that makes it the true Royalty of professional portable tape recorders.

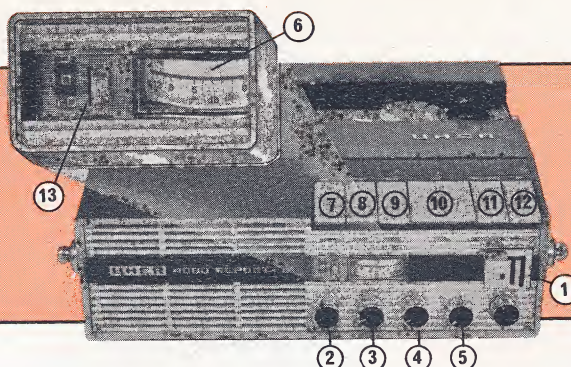
Now there is a 3-digit index counter, with push-button reset, a picture-window top for improved tape observation, brushed aluminum piano-key controls, calibrated VU meter with db scale, one-plug microphone connection, and easier threading. Add these new features to the proven perfection of the UHER 4000 Report series and the result is

the incomparable professional portable recording instrument.

QUIETER, MORE POWERFUL MOTOR, controlled by 8-transistor D.C. voltage stabilizing circuit. ILLUMINATED VU METER with decibel scale, also serves as a battery condition meter. IMPROVED CIRCUITRY utilizes the latest techniques in printed circuit boards and transistors. BUILT-IN BELT CLEANING BRUSHES for more precise operation and longer belt life. RECHARGEABLE DRYFIT STORAGE BATTERY or provision for five nickel-cadmium batteries. FUNCTION KEYS of piano keyboard styling make operational changes immediate and direct. EXCEPTIONALLY FINE RECORDING CHARACTERISTICS permit practical recording at 15/16 ips — up to 8½ hours on one five inch reel !

OPERATING FEATURES OF THE INCOMPARABLE UHER 4000 REPORT L

1. ON/OFF SPEED SELECTOR
2. VOLUME CONTROL
3. TONE CONTROL
4. MODULATION CONTROL
5. INPUT SELECTOR
6. VU METER/BATT. CONDITION INDICATOR



7. REWIND KEY
8. START KEY
9. PAUSE CONTROL KEY
10. STOP KEY
11. RECORDING KEY
12. FAST FORWARD KEY
13. DIGITAL COUNTER

*Magic
in a
Matchbox*

Independent of time and place, the UHER 4000 Series is a valuable assistant to many people: to Space Technicians for missile tracking; to Radio Stations for interviews and "on-the-spot" recording; to Businessmen for listening to or recording important data while driving; to Doctors and Lawyers for lectures; to Outdoorsmen for recording the sounds of nature; to Salesmen for reviewing their sales presentations; to Missionaries for Bible instruction; in fact, its versatility is limited only by your imagination.

SPECIFICATIONS

Tape Speeds	15/16, 1 7/8, 3 3/4, and 7 1/2 i.p.s.	Heads	Standard half-track Erase and Record/Play
Maximum Reel Size	5 inches	Outputs	External Speaker/Earphone
Frequency Response	40- 4,500 cps @ 15/16 i.p.s.	Inputs	Remote Control, Microphone, Power.
± 2db at all speeds	40-10,000 cps @ 1 7/8 i.p.s.	Output Power	1 watt (push-pull output stage)
	40-17,000 cps @ 3 3/4 i.p.s.	Power Supply	Rechargeable Dryfit Storage Battery or five nickel-cadmium batteries or Power Unit and Battery Charger.
Signal to Noise Ratio	55 db		10 1/2 x 8 1/2 x 3 1/4 inches
Wow and Flutter	± 0.15% r.m.s. @ 7 1/2 i.p.s. (audible frequencies only)	Size	7 lbs. 6 oz. (less battery)
		Weight	

ACCESSORIES

DESIGNED AND SELECTED EXCLUSIVELY FOR SUPERIOR PERFORMANCE WITH THE UHER 4000 REPORT L

121	Transistorized Mixer, Hi-Lo Imp., includes cable	\$140.00	817	Akustomat for voice control	45.00
MD405-S	Sennheiser Deluxe Diminutive Cardioid Microphone with built-in windscreen and locking type start/stop switch, 60-16000 cps.	60.00	861	Leather Carrying Case with shoulder strap and microphone loop	30.00
422	Dia-Pilot, synchronizes with automatic slide projectors..	70.00	880	AC Power Unit and Battery Charger, (100, 130, 150, 220 or 250 volts, 50 or 60 cycle)	30.00
433	Rechargeable Battery	20.00	881	Battery Charger, (operates from 6v car lighter socket)...	25.00
506	Stand for 515 and 514 microphones	5.00	882	Battery Charger, (operates from 12v car lighter socket) ..	25.00
515	Dynamic Microphone with remote pause switch, 70-12000 cps.	30.00	883	External Power Unit & Battery Charger for use with nickel-cadmium batteries	30.00
514	Dynamic Microphone with voice/music switch, built-in windscreen, 70-14000 cps.	50.00	1026	Attache Case, compartmented for accessories	22.00
533	Set of 5 nickel-cadmium rechargeable batteries	40.00	1069	Attache Case with concealed microphone	55.00
631-S	Magnetic Ear Phone with single ear clip	13.00	USA-2	Audio Cable, "Radio" in, "Speaker" out	4.00
686	Hand operated Remote Control (stop/start)	7.00	USA-3	Audio Cable, "Phono" in, "Amplifier" out	4.00
696	Foot operated Remote Control (stop/start)	17.00	USA-20L	16 ft. Microphone Extension Cable	12.00
802	Telephone Pickup	9.00	USK-662	Car Battery Cable for 6 & 12 volts	13.00
802-S	Special Custom Telephone Adapter	12.00	USK-663	Car Battery Cable for 24 volts	20.00

THE RECOMMENDED BASIC RECORDING UNIT CONSISTS OF THE UHER 4000 REPORT L WITH REMOTE CONTROL DYNAMIC MICROPHONE, LEATHER CASE, AC POWER UNIT /BATTERY CHARGER, AND RECHARGEABLE BATTERY.

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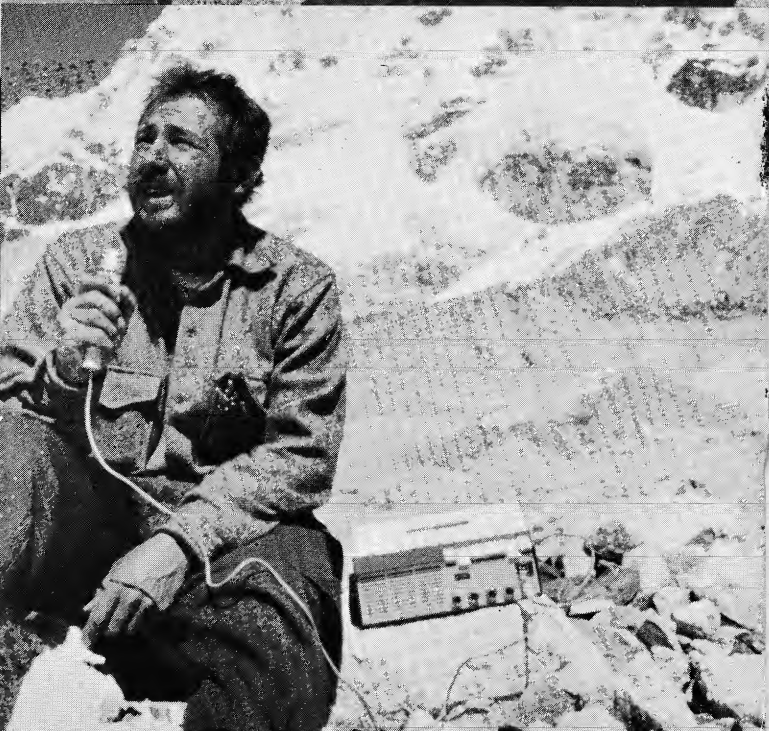
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Martel presents Uher[®]

Sound begins and ends w

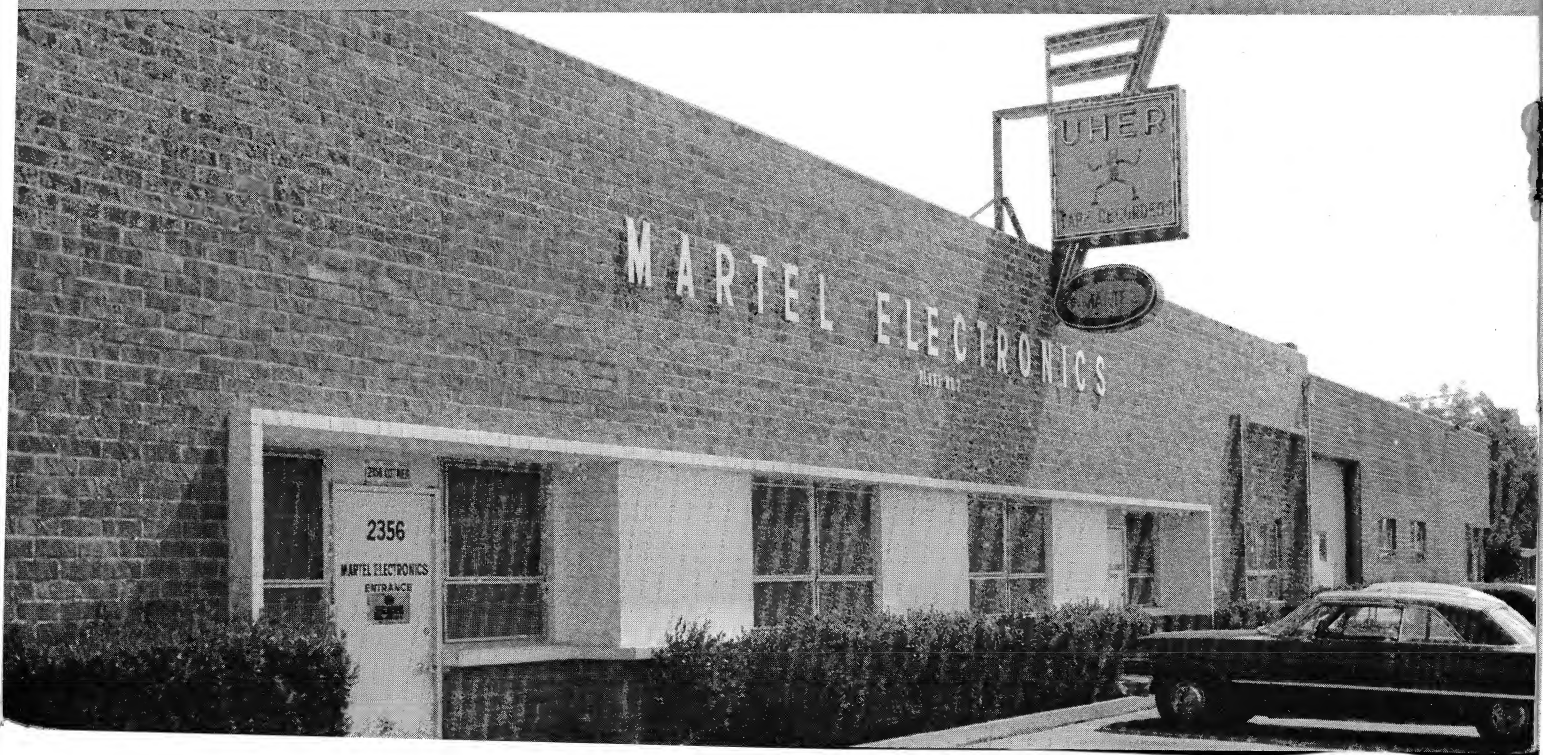


with a Uher[®] tape recorder

(PRONOUNCED U-ER)

Uher: Famous the World Over

Uher—the name that scaled the heights of Mt. Everest, safaried through the bottomless pits of Africa, traveled the plains of Iran, and was selected to be used by the U.S. in their Gemini Space Program. Only Uher offers such versatility and operating convenience in a line of tape recorders famous the world over for its quality, precision and master craftsmanship. Uher—selected by more professionals than any other tape recorder.



Our story begins in West Germany.

Here in the Uher Werke Munchen complex, the entire line of Uher tape recorders is manufactured. The main plant houses most of the machinery and assembly line, while Plant #2 consists of research, design, testing and development. The Uher organization employs the finest scientists, engineers and skilled labor available. Each machine and its parts are tested numerous times before it ever leaves the plant. Precision and quality are absolute. The continual striving for perfection in every recorder never ceases. This great pride in product precision has established Uher as a leader in tape recorders by professionals throughout the world.

Our story continues in the United States

with Martel Electronics, exclusive importers of Uher tape recorders. At Martel, engineers subject each recorder to another series of rigid tests. No Uher tape recorder leaves Martel, unless it lives up to its specifications (and it usually does). In addition to the administrative offices, warehouse and showroom at its homebase in Los Angeles, there are divisions for service, parts, research and development. Complete sales, servicing and showrooms are also located in New York and Chicago. Plus, more than 300 franchised Uher dealers and 63 certified repair stations, strategically located throughout the United States. Martel always stocks a complete inventory of all models and accessories.



The new Uher 4000-L: "Magic in a Matchbox"

A new name, new look and new features, the Uher 4000-L combines the qualities of the finest AC operated recorders with the portability of battery operation and solid state circuitry. There is no end to its versatility. Weighs less than 7 pounds. It's already been to the top of Mt. Everest (40° below zero), down to the bottomless pits of Africa (130° above zero). It's the one portable tape recorder that can go anywhere . . . play anywhere. It puts more performance, more convenience, and more precision in your hands than any other recorder. No wonder professional radio and TV commentators, engineers, reporters, doctors, anthropologists, to name a few, prefer the Uher 4000-L Report.

The new 4000-L boasts a three digit index counter, with push-button reset, brushed aluminum piano-key controls, quieter, hi-frequency motor, controlled by 8- transistor D.C. voltage stabilizing circuit; Built-in belt cleaning brushes for more precise operation and longer belt life; frequency response to 22,000 cps; operates in any position, professionally calibrated illuminated VU meter with expanded scale, rechargeable battery, 4 speed keyboard control and separate controls for recording level, long-life narrow-gap sound heads, and "Akustomat": optional for voice-operated control, "Dia-Pilot": optional automatic synchronizer for slide projectors and animated displays. A truly professional recorder used by hundreds of radio stations across the country.

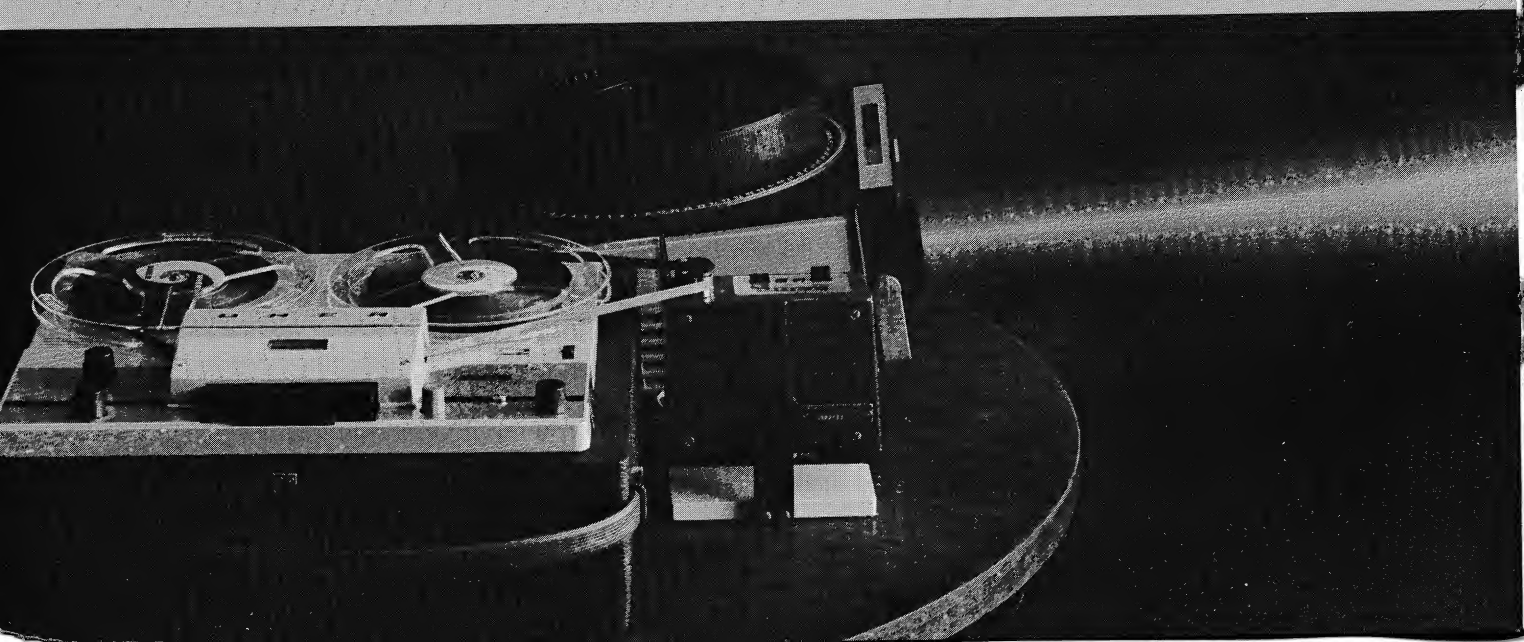
Specifications: Reel size up to 5"—Frequency response (± 3 db.) 40 to 22,000 cps. at $7\frac{1}{2}$ ips., 40 to 17,000 cps. at $3\frac{3}{4}$ ips.; 40 to 10,000 cps. at $1\frac{7}{8}$ ips.; 40 to 4500 cps. at $1\frac{5}{16}$ ips.; Dynamic range 55 db.; Wow and flutter $\pm 0.15\%$ at $7\frac{1}{2}$ ips.; Output 1 watt (push-pull); "dryfit" storage battery, AC-operated power unit and battery charger or automobile battery with adapter cable; Operating time from 8 to 12 hours; Dimensions approx 11 x 8 x 3 inches; Weight approx 6 lbs. (without batteries).



The new Uher 5000: "World's most versatile tape recorder"

The workingest, time savingest, most versatilest tape recorder available. Use it anywhere for anything, anytime... office, home, meetings, outdoors, parties, you name it. It's fully transistorized, lightweight, has a remote control dynamic microphone for record, start, stop, playback and backspace, recording level is automatically controlled, plays up to 16 hours, provision for automatic slide projector synchronizer inputs for everything you need, and 3 equalized speeds. Could you ask for anything more? Well Uher gives it anyway... the exclusive "Akustomat"... an optional electronic device that allows your voice or sound to start and stop the recording process, thus ending all wasted tape... and the best part is that you don't even have to be there. Separate record and playback volume controls, jam-proof piano keyboard, automatic rewind, continuous playback through microphone or internal speaker, all bearings oil sealed and fitted with sintered metal sleeves to allow for trouble free life.

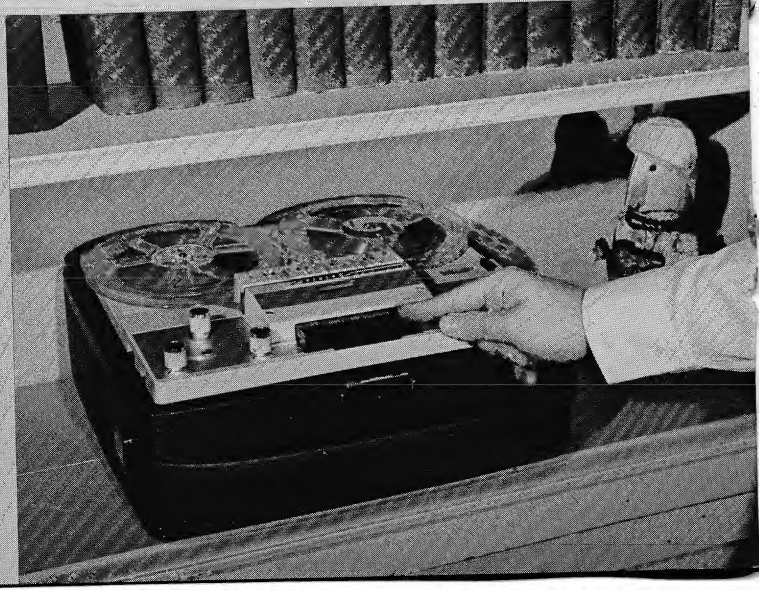
Specifications: Reel size up to 6"; Three speeds; Output socket for automatic operation; Low & high impedance; microphone inputs. Frequency response 40 to 16,000 cps. at 3¾ ips.; 40 to 8,000 cps. at 1⅞ ips.; 40 to 4,000 cps. at 1⅝ ips.; Dynamic range better than 50 db.; Wow and flutter ±0.2% at 3¾ ips.; Output power 2.5 watts (push-pull); Power requirement 110, 125, 160, 220, 240 volts (selectable); Dimensions approx 6 x 10 x 12 inches; Weight approx 16 lbs.



The new Uher 6000 with Dia-Pilot: "An exciting difference in tape recorders"

The Uher 6000 is a new concept in high performance, professional quality tape recorders for audio visual, industrial training and home use. Combining excellent precision and craftsmanship at a most popular price. Here are some of its outstanding features: Fully transistorized, two speeds $3\frac{3}{4}$ ips and $7\frac{1}{2}$ ips—Automatic end-of-tape stop—Digital counter—Two track sound on sound recordings—Safety button prevents accidental erasing—Pause control—Uher safety clutches—illuminated VU meter monitoring—disconnectable built in loudspeaker—playing time of up to 6 hours—continuously variable tone control—standard sockets for microphone—tuner—turntable—loudspeaker—and earphone—plus "Dia-Pilot": optional, automatic synchronizer for slide projectors and animated displays.

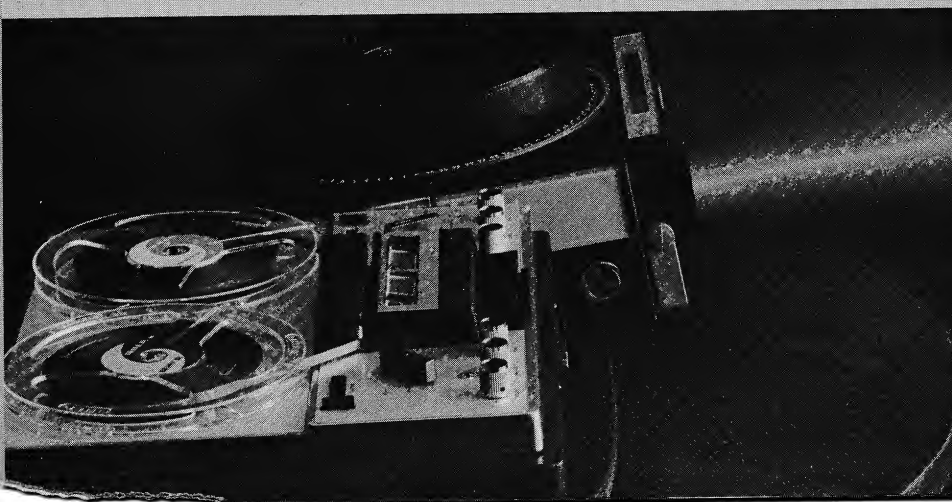
Specifications: Recording heads: one erase/one record-playback; Reel Size: up to 7"; Frequency Response: $7\frac{1}{2}$ ips—40 to 18,000 cps; $3\frac{3}{4}$ ips—40 to 14,000 cps; Wow and flutter: $\pm 0.2\%$; Output Power: 2 watts; Power Requirement: 25 watts; Dimensions: 14 x 3 x 7 inches.



The new 2+2 Uher Stereo 7000D: "More than just a tape recorder"

The new Uher 7000D represents an exciting music system for your home. Its 2+2 dual set of speakers (two built-in plus two extension speakers) provide a new dimension in stereo with complete ease of portability and handling. Featuring, solid state circuitry design, four track stereophonic record and playback, single-channel monophonic record and playback. Some of its other outstanding features: Two speeds ($3\frac{3}{4}$, $7\frac{1}{2}$) 4 track stereo-4 track mono, automatic end of reel shut-off, console sound. VU meter for recording levels, recording by microphone, tuner, turntable or telephone. Plus "Dia-Pilot": optional automatic stereo synchronizer for slide projectors and animated displays.

Specifications: Reel Size: 7"; Frequency response: $7\frac{1}{2}$ ips.—40 to 18,000 cps.; $3\frac{3}{4}$ ips.—40 to 14,000 cps.; Channel separation: —50 db.; Wow and flutter: $\pm 0.2\%$; Output power: 2 x 2 watts; Power requirement: 30 watts; Dimensions: 14 x 13 x 7 inches.

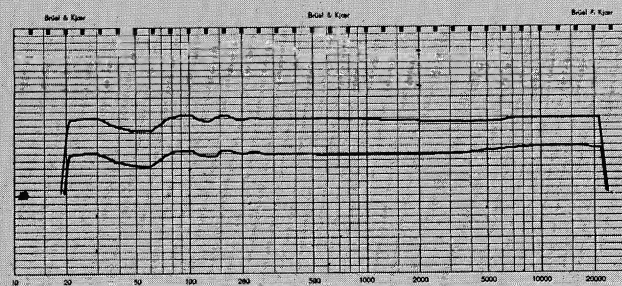
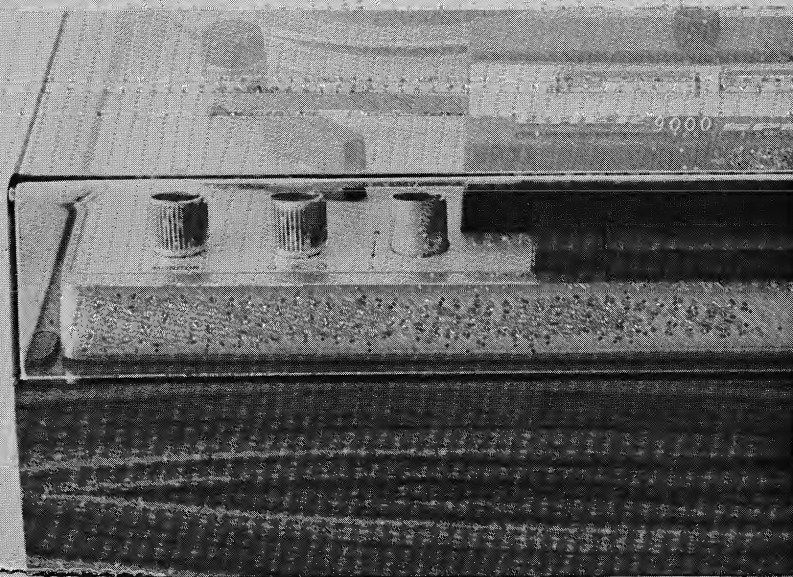
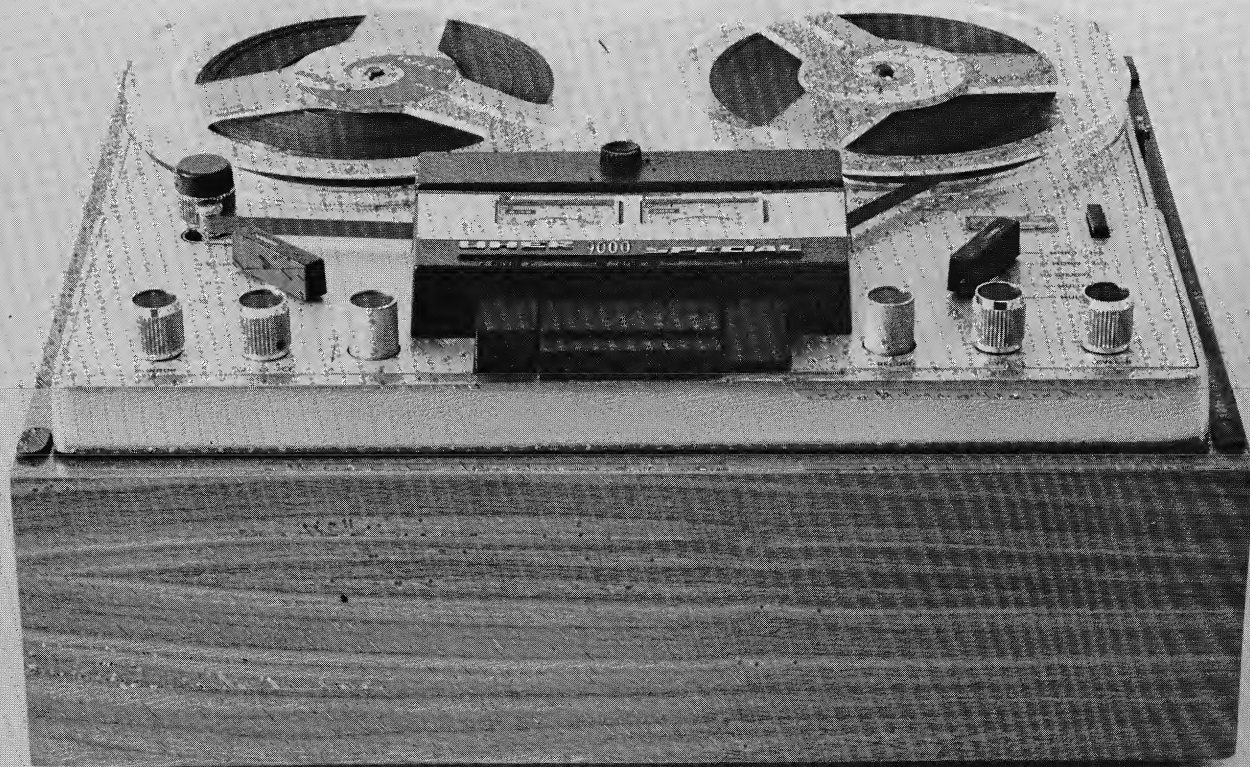


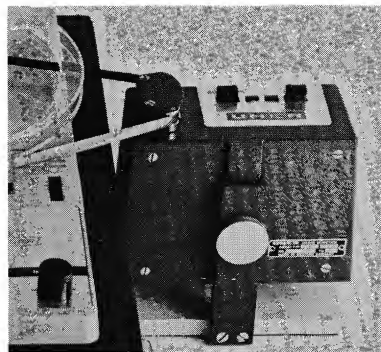
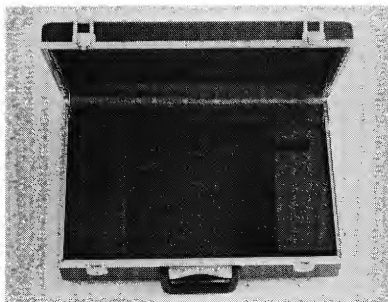
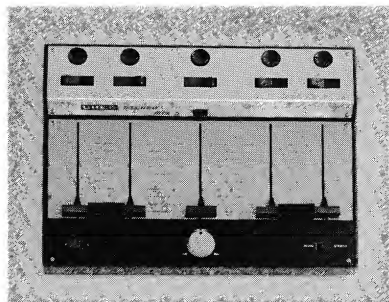
The new Uher Royal Stereo 8000E: **"Practically any use that can be imagined is possible"**

The entirely new and improved Uher Royal stereo 8000E is one of the finest and most versatile of tape recorders available today, utilizing all solid-state circuitry, it is the professional tape recorder for those seeking 4 track stereo and 4 track monaural recordings and playback. Two separate recording heads permit monitoring ahead of the recording head, or from the tape after recording with built-in mixer control for both channels. If sound alone is the answer, then the Uher 8000E is in a class by itself. Either in stereo or mono, no tape recorder matches the power or reproduction quality of this expertly crafted machine. Two built-in speakers form perfect channel separation, which provide a console sound that can fill an auditorium. The Uher 8000E can be used as a tape recorder or tape deck.

Here are its fantastic features: all transistor AC operation—4 track stereo and monaural recording and playback, 4 speeds, 4 heads, synchronous sound with sound recording, multiplay sound on sound "Dia-Pilot" built-in automatic slide projector control), reverberation and echo effects, digital counter, pause control key, automatic end-on-tape stop, illuminated VU meters, balance control, A-B monitoring, rapid wind, slide switch control for changing from fast forward to rewind, handles all types of tape including ultra thin and "Akustomat" optional remote control—you simply speak, and the machine records, you stop speaking, the machine stops, no wasted tape.

Specifications: Reel size up to 7"; Frequency response 50 to 20,000 cps. at 7½ ips.; 50 to 16,000 cps. at 3¾ ips.; 50 to 8,000 cps. at 1⅞ ips.; 50 to 4,000 cps. at 1⅝ ips.; Dynamic Range 50 db.; Channel separation 50 db.; Wow and flutter ±0.15% at 7½ ips.; Output power 2 x 2 watts (push-pull); Power requirement 110, 130, 150, 220, 240, 250 Volts AC (selectable) 50 or 60 cps.—Dimensions 15 x 14 x 7 inches; Weight approx. 23½ lbs.





Uher Stereo Transistor Mixer (#121)

Arranged for mono and stereo operation and allows the mixing and fading of 5 monaural signals or of 2 stereo signals, plus one monaural signal. The direction control will enable you to produce "movement effects" of monaural sound voices as well as all types of sound mountings and trick effects in a safe, and comfortable way. The Uher Stereo Mixer may be connected to any mono or stereo tape recorders.

Attache Case

For model 4000 and accessories: case also available with concealed microphone, and a start-stop control from outside the attache case.

Dia-Pilot (#422)

Mono or Stereophonic impulse transmitter for fully automatic synchronization of tape recorder and slide projector or animated display. Can be used with any recorder, 2 track or 4 track. With 4 track, you can add stereo to your slide projector. The Uher Dia-Pilot is independent of the tape recorder with regard to power.

Akustomat (#817) Not shown

An accessory for voice actuated control of Uher Tape Recorders. You simply speak, the machine records, you stop speaking the machine stops. There is absolutely no wasted tape. Ideal for field trips, interviews, lectures and dictation.

with a Uher[®] tape recorder

(PRONOUNCED U-ER)

Accessories for Uher tape recorders

Model #	Description	Model #	Description
K911	Cable to connect Dia-Pilot to projector	690	Remote foot control for 5000
433	Dryfit battery, accumulator for 4000 L	696	Remote foot control for 4000 L
506	Microphone stand for M514 microphone	821	Remote & balance control for 8000 w/ cable
533	Set of 5 nickel cadmium batteries for 4000 L		Telephone Pick Ups
	Earphones	802	Telephone pick up for all models
631s	Dynamic earphone for all models	802s	Special custom telephone adaptor
661	Stetho-clip	802g	Direct connection telephone adaptor
6501s	Crystal earphone w/ stethoclip for all models		Akustomats
6561s	Dynamic earphone w/ stethoclip for all models	F511	(Voice Actuated Relays) Automatic control switch for 5000
666	Cushioned stereo headphone	817	Akustomat for 4000 L, 5000, 8000
	Carrying Cases		AC Power Supply; Chargers; Voltage Reducing Cables for 4000 L
671	Carrying case-slip cover for Universal 5000	880	Internal AC power supply
860	Leather case for carrying accessories for 4000 L	881	6 volt charger—auto
861	Leather carrying case for 4000 L	882	12 volt charger—auto
1026	Attache case, hard shell for 4000 L	883	External AC power supply (for 533 batteries)
1069	Attache case w/ hidden mic., micro switch for stop/ start	USK 521	Audio cable to record from car radio to 4000 L
	Remote Switches	USK 662	Battery cable 6-12 volts
680	Remote typewriter switch for 5000	USK 663	Battery cable 24 volts
685	Remote hand switch for 5000		Plus complete input and output cable assortment
686	Remote hand switch for 4000 L		

End wasted tape. Send for the new Martel "Tape Tabulator" for the timing of classical repertoires (\$2.75 value). Dept. B, California office. Enclose 25 cents for postage and handling.

Exclusive U.S. Importer of Uher products



MARTEL ELECTRONICS

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